LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
Data File : VU033217.D
Acq On : 12 Jul 2019 13:19
Operator : JC/SP
Sample : K3724-18
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8S8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.196	26	33	52	rBV	111223	126126	8.99%	0.538%
2	1.283	55	60	65	rVV	25043	24510	1.75%	0.105%
3	1.322	65	72	83	rVB	111360	119839	8.54%	0.511%
4	1.389	85	93	112	rBV2	412049	473191	33.74%	2.018%
5	1.563	131	147	148	rBV5	42996	85827	6.12%	0.366%
6	1.595	152	157	167	rVB	217086	213738	15.24%	0.912%
7	1.650	167	174	178	rBV	131030	170631	12.17%	0.728%
8	1.862	230	240	260	rBV	328432	463904	33.08%	1.978%
9	2.260	350	364	378	rBV3	697623	1295850	92.40%	5.526%
10	2.572	456	461	462	rBV2	371	277	0.02%	0.001%
11	2.678	482	494	517	rBV	222097	401525	28.63%	1.712%
12	2.878	554	556	563	rVB4	374	349	0.02%	0.001%
13	2.958	568	581	603	rBV	114883	210642	15.02%	0.898%
14	3.154	638	642	645	rBV2	331	261	0.02%	0.001%
15	3.196	652	655	658	rBV2	314	261	0.02%	0.001%
16	3.418	707	724	749	rVV	251313	551171	39.30%	2.351%
17	3.752	824	828	833	rVB2	374	366	0.03%	0.002%
18	4.193	940	965	989	rBV4	191438	688882	49.12%	2.938%
19	4.521	1051	1067	1083	rBV	147345	349932	24.95%	1.492%
20	4.637	1084	1103	1128	rVB4	327662	1060068	75.58%	4.521%
21	4.887	1162	1181	1200	rBV	96518	236800	16.88%	1.010%
22	4.971	1205	1207	1209	rVB2	612	253	0.02%	0.001%
23	5.109	1231	1250	1274	rBV	270614	637942	45.49%	2.721%
24	5.315	1289	1314	1321	rBV2	388710	1109300	79.09%	4.731%
25	5.370	1323	1331	1358	rVB4	603494	1402507	100.00%	5.981%
26	5.624	1405	1410	1411	rBV3	349	252	0.02%	0.001%
27	5.694	1422	1432	1439	rBV4	2996	5713	0.41%	0.024%
28	5.749	1446	1449	1452	rVB3	537	323	0.02%	0.001%
29	5.862	1470	1484	1516	rBV	393823	762707	54.38%	3.253%
30	6.042	1537	1540	1543	rVB3	447	251	0.02%	0.001%
31	6.164	1564	1578	1603	rBV	574116	1101806	78.56%	4.699%
32	6.309	1609	1623	1642	rBV	254880	503412	35.89%	2.147%
33	6.411	1642	1655	1675	rVB	247583	479633	34.20%	2.045%
34	6.736	1743	1756	1772	rBV	98966	183448	13.08%	0.782%

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8S8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Title : VOC Analysis

35	6.871	1786	1798	1818	rBV3	7342	16350	1.17%	0.070%
36	7.003	1834	1839	1841	rBV2	293	299	0.02%	0.001%
37	7.087	1862	1865	1869	rVB	404	290	0.02%	0.001%
38	7.209	1888	1903	1909	rBV	157451	266523	19.00%	1.137%
39	7.251	1910	1916	1940	rVB	159156	278587	19.86%	1.188%
40	7.373	1946	1954	1972	rBV2	17044	30953	2.21%	0.132%
41	7.546	1993	2008	2030	rBV	533213	930286	66.33%	3.967%
42	7.833	2085	2097	2098	rBV	122514	133843	9.54%	0.571%
43	7.862	2101	2106	2134	rVB	321695	511527	36.47%	2.182%
44	8.009	2148	2152	2153	rBV3	841	556	0.04%	0.002%
45	8.048	2153	2164	2187	rVB	196923	335738	23.94%	1.432%
46	8.151	2193	2196	2197	rBV2	535	325	0.02%	0.001%
47	8.209	2201	2214	2230	rVV	626243	1054944	75.22%	4.499%
48	8.296	2230	2241	2279	rVV	338133	587163	41.87%	2.504%
49	8.460	2279	2292	2312	rVV	201471	345713	24.65%	1.474%
50	8.569	2315	2326	2346	rVB	117539	196472	14.01%	0.838%
51	8.704	2365	2368	2372	rBV3	397	312	0.02%	0.001%
52	8.730	2373	2376	2379	rVB3	407	263	0.02%	0.001%
53	8.752	2380	2383	2390	rVB4	402	365	0.03%	0.002%
54	8.868	2416	2419	2423	rVB2	650	454	0.03%	0.002%
55	8.932	2436	2439	2444	rBV3	485	464	0.03%	0.002%
56	9.003	2458	2461	2465	rVB3	509	368	0.03%	0.002%
57	9.029	2465	2469	2470	rBV2	442	327	0.02%	0.001%
58	9.074	2470	2483	2506	rBV	597258	972277	69.32%	4.146%
59	9.189	2507	2519	2537	rVB	451070	750311	53.50%	3.200%
60	9.334	2558	2564	2567	rBV4	508	530	0.04%	0.002%
61	9.360	2567	2572	2580	rVV4	1309	1784	0.13%	0.008%
62	9.405	2583	2586	2589	rVB3	511	304	0.02%	0.001%
63	9.488	2609	2612	2617	rBV3	303	340	0.02%	0.001%
64	9.527	2621	2624	2628	rVB3	372	282	0.02%	0.001%
65	9.607	2643	2649	2655	rVB4	366	567	0.04%	0.002%
66	9.688	2670	2674	2675	rBV	481	318	0.02%	0.001%
67	9.765	2692	2698	2700	rBV3	680	711	0.05%	0.003%
68	9.781	2700	2703	2712	rVV3	1531	1913	0.14%	0.008%
69	9.855	2722	2726	2731	rBV3	342	367	0.03%	0.002%
70	9.942	2740	2753	2776	rBV	222900	367970	26.24%	1.569%
71	10.064	2785	2791	2793	rBV2	430	416	0.03%	0.002%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8S8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Title : VOC Analysis

72	10.096	2799	2801	2805	rVB3	453	292	0.02%	0.001%
73	10.148	2812	2817	2818	rBV3	943	686	0.05%	0.003%
74	10.273	2853	2856	2859	rBV3	344	258	0.02%	0.001%
75	10.418	2888	2901	2905	rBV	405322	653361	46.59%	2.786%
76	10.572	2943	2949	2951	rBV2	587	549	0.04%	0.002%
77	10.681	2977	2983	2985	rBV2	550	570	0.04%	0.002%
78	10.752	3000	3005	3006	rBV2	1181	785	0.06%	0.003%
79	10.865	3032	3040	3043	rVB3	510	522	0.04%	0.002%
80	10.958	3060	3069	3080	rVB6	2408	4630	0.33%	0.020%
81	11.022	3084	3089	3092	rBV3	540	463	0.03%	0.002%
82	11.083	3097	3108	3112	rBV5	2543	3398	0.24%	0.014%
83	11.135	3112	3124	3146	rVB	825662	1207962	86.13%	5.152%
84	11.286	3168	3171	3176	rVB4	761	793	0.06%	0.003%
85	11.402	3198	3207	3216	rBV8	3044	5245	0.37%	0.022%
86	11.469	3216	3228	3251	rBV	633587	995028	70.95%	4.243%
87	11.845	3330	3345	3370	rBV	557780	873171	62.26%	3.724%
88	12.131	3430	3434	3437	rBV3	742	603	0.04%	0.003%
89	12.199	3452	3455	3458	rBV3	420	301	0.02%	0.001%
90	12.411	3517	3521	3523	rBV2	293	253	0.02%	0.001%
91	12.598	3575	3579	3582	rBV2	481	451	0.03%	0.002%
92	12.643	3582	3593	3611	rBV2	138480	237394	16.93%	1.012%
93	12.884	3662	3668	3673	rVV5	1552	2001	0.14%	0.009%
94	13.061	3721	3723	3726	rBV	423	295	0.02%	0.001%
95	13.501	3853	3860	3862	rBV4	1877	1991	0.14%	0.008%
96	13.739	3929	3934	3941	rBV5	1444	2292	0.16%	0.010%
97	13.961	4000	4003	4004	rBV2	518	277	0.02%	0.001%
98	13.980	4006	4009	4018	rVV4	1643	2149	0.15%	0.009%
99	14.183	4070	4072	4077	rBV2	509	276	0.02%	0.001%
100	14.948	4308	4310	4312	rBV2	708	420	0.03%	0.002%

Sum of corrected areas: 23448325

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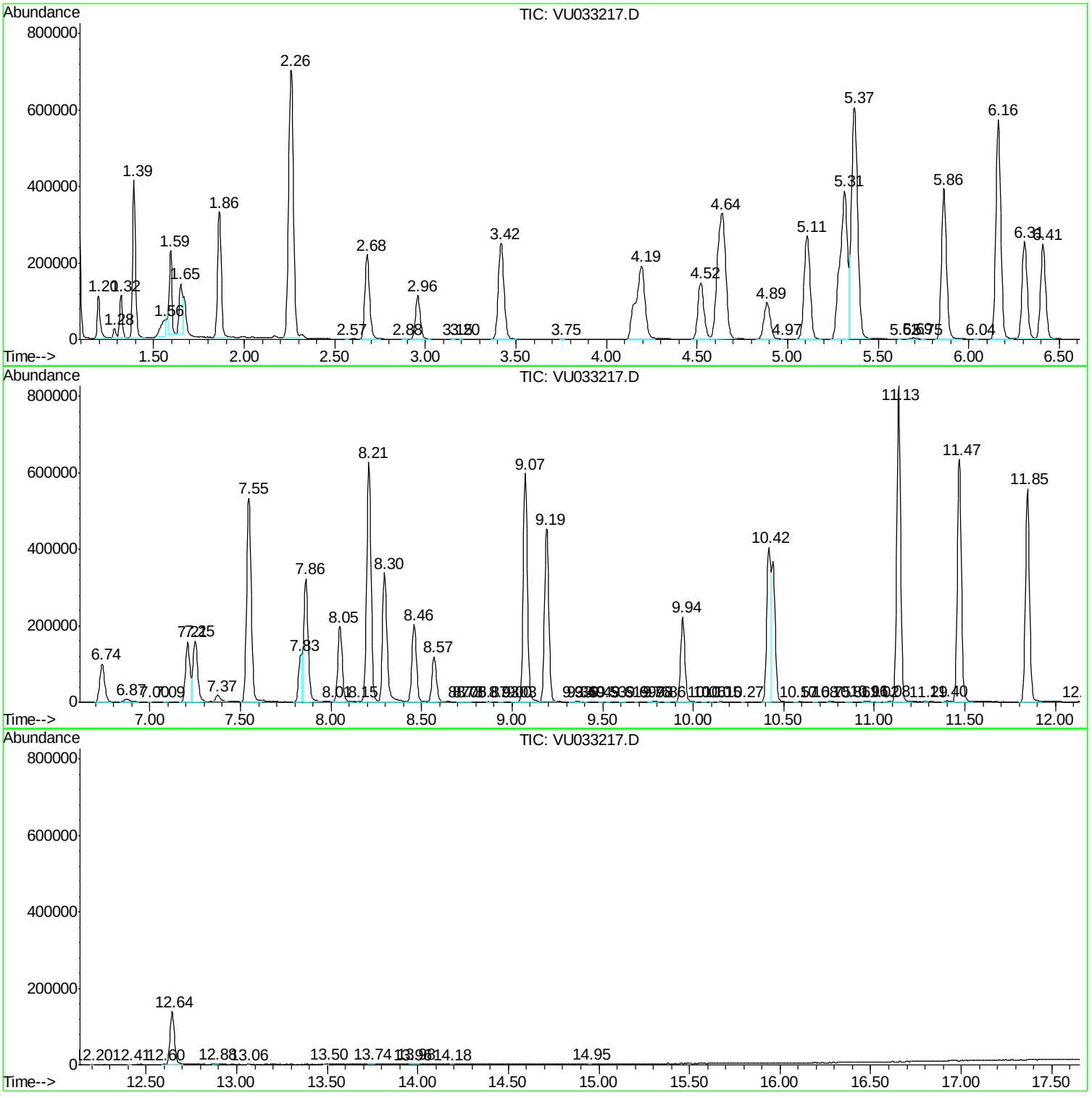
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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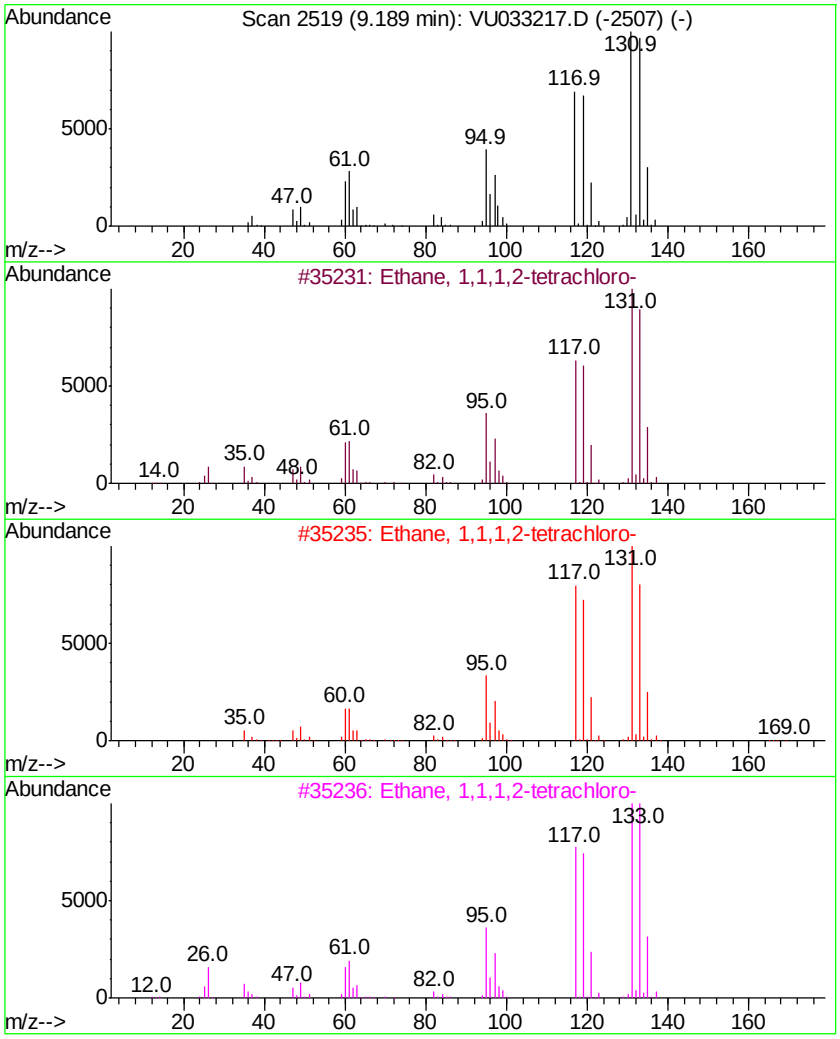
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

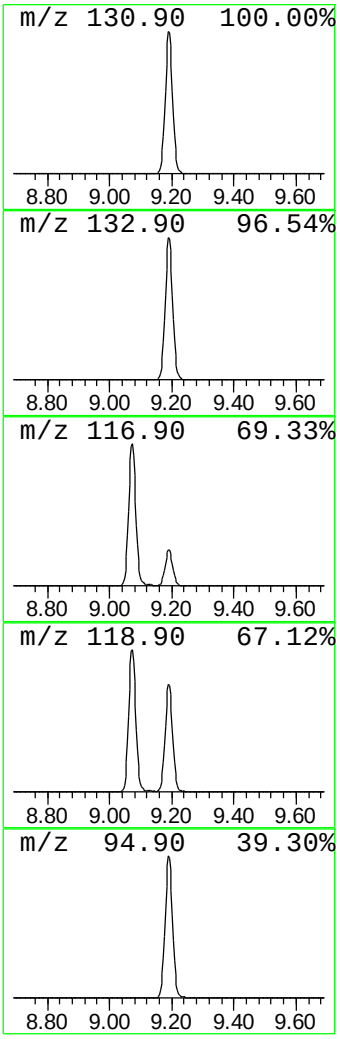
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	38.59 ug/L	750311	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	72
5	Carbon Tetrachloride	152	CCl4	000056-23-5	10





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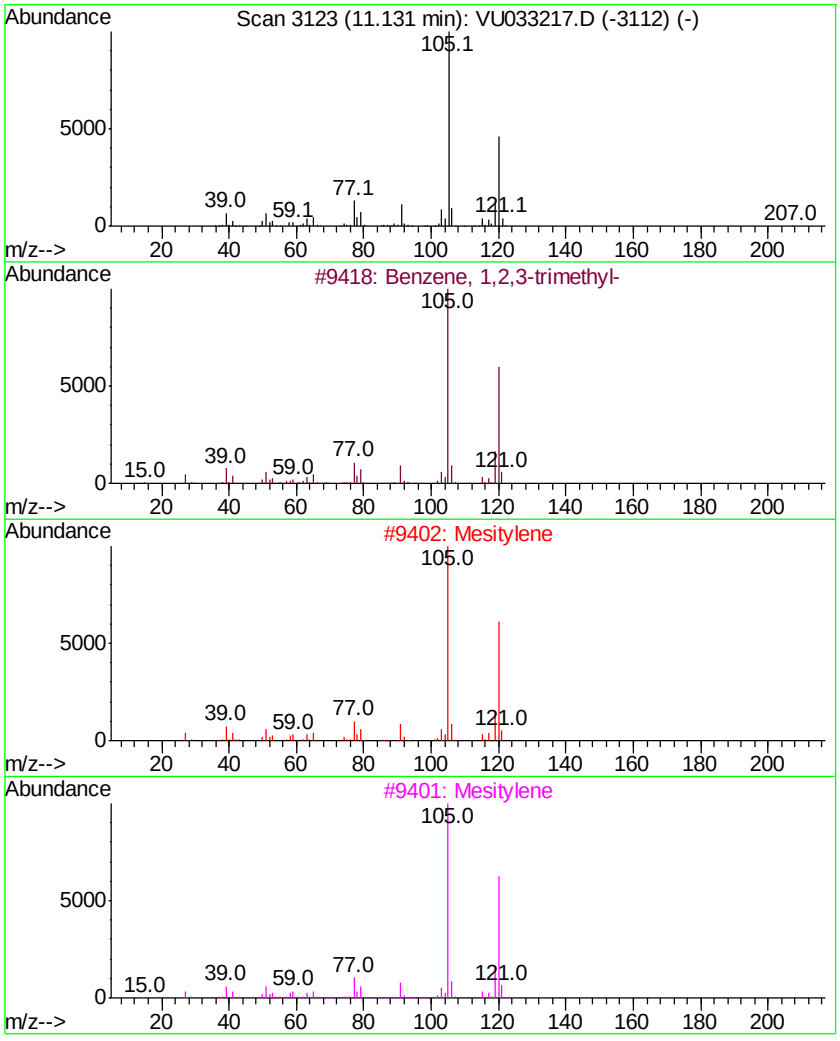
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

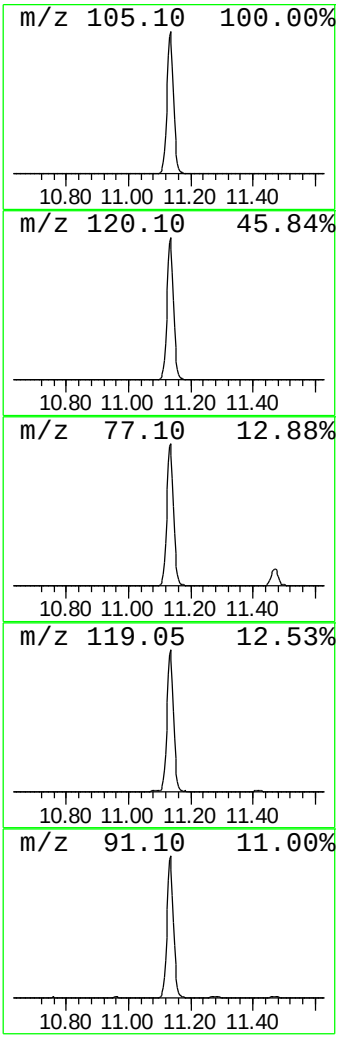
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	60.70 ug/L	1207960	1,4-Dichlorobenzene-d4	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1,1,2-t...	9.19	38.6	ug/L	750311	2	9.07	972277	50.0
Benzene, 1,2,4-tr...	11.13	60.7	ug/L	1207960	3	11.47	995028	50.0